NASA Legos

Day 1

1. Students will be groups of 6-7.
2. Explain to the students that today they will construct the Land Yacht Lego device as a team. Tell them that tomorrow they will be split in half and one half will have the instructions for a new (very similar) device and the other half of the team will build the device by only “hearing” the instructions via Walkie Talkies.
3. Have the teams use the Legos and “Land Yacht” instructions to construct the Land Yacht.

Day 2

1. Students will be divided into their groups.
2. Demo for the class how to use the Walkie Talkies.
3. Set each team’s walkie talkies to their own Channel.
4. Have student groups practice using the devices.
5. Divide each team into A’s and B’s. Keep the A’s at one end of the gym and move the B’s the far end of the gym.
6. Give the A’s the “Wind Sucker” instructions and the B’s the Lego supplies.
7. The A’s will use the Walkie Talkie to explain to B’s how to build the device.